## FIRE ALARM SYSTEM: UTAH NATIONAL GUARD BEAVER ARMORY

120 SOUTH MAIN STREET BEAVER, UT 84713



STATE OF UTAH

DEPARTMENT OF ADMINISTRATIVE SERVICES

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

4110 State Office Building / SLC, Utah 84114 / (801) 538-3018

DFCM PROJECT NO. 07212470



PROTECTION CONSULTANTS, INC.

182 SOUTH 600 EAST, SUITE #202 - SALT LAKE CITY, UT 84102 - 801.596.1601

SHEET	DRAWING TITLE				
FA-1	ARMORY FIRE	ALARM PLAN (I	nitiating devi	CES)	
FA-2	ARMORY FIRE	ALARM PLAN (1	NOTIFICATION A	APPLIANCES)	
FA-3	FIRE ALARM DE	ETAILS			
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DRAWING SCHEDULE

## FIRE ALARM DESIGN AND CODE CRITERIA

A. Ap	pplicable Codes:	Year
1.	International Building Code	2006
2.	International Fire Code	2006
3.	ADA Accessibility Guidelines	1994
4.	National Electrical Code (NFPA 70)	2008
5.	International Mechanical Code	2006
6.	Utah State Fire Marshall Rule R710-4	N/A
7.	National Fire Alarm Code (NFPA 72)	2007
B. Bu	ilding Parameters:	
1.	Occupancy Group:	Mixed (B, A-3, S-1)
2.	Building Area:	17,800 Sq.Ft.
3.	Stories:	One
4.	Type of Construction:	Type IV-B
5.	Fire Sprinklers:	No
6.	Occupancy Seperations:	None (Unspeperated Occupancy IBC 508.3.2
7.	Allowable Area Increase for Side Yards:	0.75 (30' Yard on all 4 sides)
8.	Allowable Area:	26,250 Sq.Ft.
C. Fir	e Alarm Design Requirements:	
1.	Fire Alarm System Required:	Yes (IBC 907.2.1)
2.	Occupant Notification:	Yes (IBC 907.2.1)
3.	Visible Alarms:	Yes (IBC 907.9.1)
4.	Manual Pull Stations:	Yes (IBC 907.3)
5.	Smoke/Heat Detectors:	Yes (USFM R710-4)
6.	Duct Smoke Detectors:	Yes (IBC 907.11)





